	ATTY DOCKET NO. SERIAL NO. 10/706 094 01480085BA serial No. 10/706 094										
INFORMATION DISCLOSURE CITATION					.	1					
(Use several sheets if necessary) K. Nishida FILING GROUP 2879											
						concurrently ?	· ,	net-	2879 sosigned		
U.S. PATENT DOCUMENTS											
*EXAMINER	FR CONTRACTOR OF			NAME	CLASS	SUBCLASS	FILING DATI				
INITIAL	DOCUMENT NUMBER DATE				Wint.			IF APPROPE	RIATE		
							1				
							 		 		
					 		<u> </u>		-		
							ļ				
											
									<u> </u>		
FOREIGN PATENT DOCUMENTS											
	DOCUMENT NUMBER DATE COUNTRY					COUNTRY	CLASS	SUBCLASS	TRANS	NO NO	
A. /	ВА			Japan			abstract	J.	"		
AVV -	 			5/25/01	Japan		 	abstract	1	<u> </u>	
AW A	ВС		250504	9/14/01	Japan			abstract	1		
JVV	 	├ ─		8/21/98	Japan		 	abstract	1		
dW	BD	10-22		ļ			+-	abstract	1		
KW	W BE 10-233720 9123136 Jupan										
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
EXAMINE			berech welliam			DATE CONSIDERED	12	7/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
considered. Include copy of this form with next communication to applicant.											

Form PTO-A820 (also form PTO-1449) P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATION (Use several sheels if necessary) K. Nishida Filling GROUP 2.53-4	ATTY DOCKET NO. SERIAL NO. 10/706.094 01480085BA serial No. 10/706.094												
TILING COCUMENT NUMBER DATE NAME CLASS SUBCLASS TRANSJATION		INF			•								
S. PATENT DOCUMENT SUBCLASS SUBCLASS FLING DATE FAPROPRIATE	(Use several sneets if necessary)					FILING		GROUP	2879				
DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FLING DATE FAPPROPRIATE													
NOTIAL SOCCIMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NOTICE NOTICE													
FOREIGN PATENT DOCUMENTS COCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO			DOCUMENT NUMBER	DATE	-	NAME	(0.55) 300(0.55						
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO	diffic	THE APPROPRIATE											
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO					-		 						
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO					ļ		ļ						
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO					†		 	-					
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS TRANSLATION YES NO													
DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO	-							<u> </u>					
DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO		 					 						
DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO		-			<u> </u>				ļ				
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO													
BF 10-269941 10/9/98 Japan — abstract J	FOREIGN PATENT DOCUMENTS												
W BF 10-269941 10/9/98 Japan — abstract ✓ W BG 11-111226 4/23/99 Japan — abstract ✓ W BH 11-176378 7/2/99 Japan — abstract ✓ W BI 03-163744 7/15/91 Japan — abstract ✓ W BJ 03-163748 7/15/91 Japan — abstract ✓			COCUMENT NUMBER	COUNTRY	CLASS	SUBCLASS		T					
BG 11-111226 4/23/99 Japan abstract J W BH 11-176378 7/2/99 Japan abstract J W BI 03-163744 7/15/91 Japan abstract J W BJ 03-163748 7/15/91 Japan abstract J	DW	BF	10-269941	10/9/98	Japan		_	abstract	 				
JW BH 11-176378 7/2/99 Japan abstract J JW BI 03-163744 7/15/91 Japan abstract J BJ 03-163748 7/15/91 Japan abstract J	AW	BG	11-111226	4/23/99	Japan		_	abstract	1				
W BJ 03-163748 7/15/91 Japan — abstract V	Yn /	вн	11-176378 7/2/99		Japan			abstract	1				
X V I - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	gw	Bi	03-163744	7/15/91	Japan			abstract	J				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	ÛW	BJ	03-163748	7/15/91	Japan			abstract	1				
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
			·										
EXAMINER JUST WILLIAMS 12/7/04	EXAMINE	R	Aused Williams			DATE CONSIDERED	12/7/0	4	_				
*EXAMINER: Initially reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	*EXAMINE	R: Init	ial of reference considered, wheth	her or not citation i	s in conform	nance with MPEP 609; Draw			onformance	and not			

Form PTO-A820 (also form PTO-1449) P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATION

Docket Number (Optional)	Application Number 10 706094
01480086BA	-not.assigned-
Applicant(s) K. Nishida	
Filing Date	Group Art Unit 2874

		(Use several sheets if necess	ary) ·	K. Nishida		roup Art Unit	2024					
				Filing Date concurre	L L	Group Art Unit 2874						
		•		U.S. PATENT DOCUMENTS								
EXAMINER REF DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
٥w	Α	US-6,428,379	08-2002	Kaneko et al.	-							
JW JW	В	US-6,232,719	05-2001	Kaneko et al.								
				·								
		-										
		<u></u>		FOREIGN PATENT DOCUMEN	VTS	f						
	REF	DOCUMENT NUMBER	DATE	COUNTRY	. CLASS	SUBCLASS	Translation YES NO					
AV	BK	2001-160374	12-2001	Japan			·					
AW.	Br	11-176385	02-1999	Japan		 						
	_											
	 											
	<u> </u>	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
			,									
EXAMINI	ER			DATE CONSIDERE	D . ,							
Joseph William					12/7/0							
EXAMINI not consid	ER: Ini	itial if citation considered, whethe Include copy of this form with ne	er or not citation is xt communication t	in conformance with MPEP Section o applicant.	609; Draw line thro	ugh citation if n	ot in conformance and					

Form PTO-A820 (also form PTO-1449)

Docket Number (Optional) Application Number 01480085BA 10/706,094										
O INFORMATION DISCLOSURE CITATION L. (Use several sheets if necessary)					Applicant(s) Nishida					
Filing Date Group Art Unit										
WAY					11-13-03			2879		
U.S. PATENT DOCUMENTS EXAMINER SUPERIOR FILING DATE										
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
			1							
										
FOREIGN PATENT DOCUMENTS										
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO	
AN	1	2001-189149	7-10-01	Japan					1	
DN	2	3204189	6-29-01	Japan					1	
	<u> </u>									
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
Japanese Office Action dated March 16, 2004 with English translation of pertinent portions										
, 0				<u> </u>				· - · · · · ·		
EXAMINE	R	Joseph Wulin			DATE CONSIDERED	12/7	04	,		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										
not considered. Include copy of this form with next communication to apprecaut										

Form PTO-A820 (also form PTO-1449) P09A/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE